

Claims

- [c1] 1. An automatic document feeding device, being mounted over a scanning platform of a scanning apparatus to feed a document sheet to be scanned over the scanning platform, the automatic document feeding device comprising an assembly of conveying rollers that are arranged along a sheet conveyance path terminating respectively in a sheet intake end and a sheet release end, the sheet conveyance path passing over a scanning window of the automatic document feeding device through which the document sheet is scanned, wherein at least one of the sheet intake end or the sheet release end is located in proximity of an area of the scanning platform that receive document sheets to be scanned or document sheets the scanning of which is completed.
- [c2] 2. The automatic document feeding device of claim 1, further including a sheet intake tray placed adjacent to the sheet intake end.
- [c3] 3. The automatic document feeding device of claim 1, further including a sheet release tray placed adjacent to the sheet release end.

- [c4] 4. A scanning apparatus, comprising:
a scanning platform; and
an automatic document feeding device, mounted on the
scanning platform, the automatic document feeding de-
vice including an assembly of conveying rollers that are
arranged along a sheet conveyance path terminating re-
spectively in a sheet intake end and a sheet release end,
the sheet conveyance path passing over a scanning win-
dow of the automatic document feeding device through
which the document sheet is scanned, wherein at least
one of the sheet intake end or the sheet release end is
located in proximity of an area of the scanning platform
that thereby receives document sheets to be scanned or
document sheets the scanning of which is completed.
- [c5] 5. The scanning apparatus of claim 4, further compris-
ing:
a casing, including an opening on which is mounted the
scanning platform; and
a scanning module, mounted inside the casing to scan
the document sheet through the scanning platform and
the scanning window.
- [c6] 6. The scanning apparatus of claim 5, wherein the scan-
ning module is a contact type scanning module.
- [c7] 7. The scanning apparatus of claim 5, wherein the scan-

ning module is a non-contact type scanning module.

- [c8] 8. The scanning apparatus of claim 5, further including:
a linear guiding mechanism, mounted in the casing and
connected to the scanning module; and
a driving device, mounted in the casing and connecting
the scanning module to the linear guiding mechanism.
- [c9] 9. The scanning apparatus of claim 8, wherein the linear
guiding mechanism is a shaft.
- [c10] 10. The scanning apparatus of claim 8, wherein the driv-
ing device further includes:
a motor, mounted in the casing; and
a transmission belt, connecting the motor to the scan-
ning module.
- [c11] 11. The scanning apparatus of claim 8, wherein the
scanning module is a contact type scanning module.
- [c12] 12. The scanning apparatus of claim 8, wherein the
scanning module is a non-contact scanning module.
- [c13] 13. The scanning apparatus of claim 4, further including
a sheet intake tray placed adjacent to the sheet intake
end.
- [c14] 14. The scanning apparatus of claim 4, further including
a sheet release tray placed adjacent to the sheet release

end.